



Sheet 1 of 1

Form PTO-1A
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
117682APPLICATION NO.
10/700,630

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Satoru ISHIKAWA et al.FILING DATE
November 5, 2003GROUP
2852

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
SC	1	4,772,914	9/20/1988	KINOSHITA et al.	399	88

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
SC	2	JP B2 6-27953 w/ Abstract	11/14/1984	Japan	—	—
SC	3	JP A 6-214442 w/ Abs & Trans	8/5/1994	Japan	—	—
SC	4	JP A 62-201470 w/ Abstract	9/5/1987	Japan	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

Sophia S. Chen

DATE CONSIDERED

5/2/05

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 22, 2004

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117682		APPLICATION NO. 10/700,630	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Satoru ISHIKAWA et al.			
				FILING DATE November 5, 2003		GROUP 2852	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
SL	1)	5,287,149	02/15/1994	HOSHIKA	399	138	
SL	2)	5,692,232	11/25/1997	OKANO et al.	399	53	
SL	3)	4,772,914	09/20/1988	HASHIMOTO et al. Kinoshita et al.	399	88	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
SL	4)	JP A 06-214442	08/05/1994	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER Sophia S. Chen				DATE CONSIDERED 5/2/05			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: August 6, 2004